

**CLAIMS**

1. A file wherein a binding member constituting a ring-shaped body to file papers or leaves is mounted on a cover sheet body,  
5 characterized by that a pair of hinges are arranged at predetermined positions of the ring-shaped body and a portion ahead of the hinge of the ring-shaped body can be inclined.
- 10 2. The file described in claim 1 wherein the ring-shaped body comprises a pair of openable and closable ring chips and each distal end portion of the ring chips is engaged to close a space between the ring chips,  
a first hinge is arranged on one of the ring chips and an  
15 engaging arrangement to engage a distal end portion of one of the ring chips with the other ring chip in a relatively rotatable manner is established to be a second hinge.
- 20 3. The file described in claim 2 wherein the engaging arrangement is so arranged that at the distal end portion of one ring chip formed is a projecting portion that projects toward the distal end portion of other ring chip when the space between the ring chips is closed,  
at the distal end portion of the other ring chip formed is  
25 an axial hole that accommodates the projecting portion when the space between the ring chips is closed, and  
each distal end portion of the ring chips is relatively rotatable by a concavo-convex engagement of the projecting

portion and the axial hole by making use of the projecting portion as a rotational axis and the axial hole as a bearing.

4. The file described in claim 3 wherein a notch is formed  
5 by cutting off at least a part of an inner face of the axial hole so that an opening edge of the axial hole expands toward a direction to which the ring chips open or close.

5. The file described in claim 3 wherein a distal end  
10 portion of the projecting portion is treated to be sphere.

6. The file described in claim 2 wherein a radius face in a partial sphere shape is formed at a projecting end of one of the ring chips.

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7. The file described in claim 2 wherein a radius face in a partial sphere shape is formed at each of projecting ends of the ring chips.

20 8. The file described in claim 1 wherein further comprising a stopper to retain an angle of the hinge.

9. The file described in claim 8 wherein the stopper consists of a pushing portion arranged on one of the members  
25 constituting the ring-shaped body through the hinge and a surface of the other member on which a concave portion is arranged, and the pushing portion retains the angle of the hinge by being

inserted into the concave portion with applying a pushing force to the surface of the other member.

10. The file described in claim 9 wherein the stopper has  
5 the concave portion at an end portion of the other member and retains the angle of the hinges in an orthotropic condition by inserting the pushing portion into the concave portion.

10 11. The file described in claim 9 wherein the pushing portion consists of an elastic member and an abutting member, one portion of the elastic member is fixed to a predetermined position of one of the members and the other portion of the elastic member supports the abutting member  
15 and the abutting member makes an abutting contact with the other member.

12. The file described in claim 11 wherein the elastic member consists of a coiled spring and the abutting member  
20 consists of a spherical body.

13. The file described in claim 1 wherein the ring-shaped body comprises a pair of standing post portions extending generally vertically to a mounting face of the cover sheet  
25 body on which the binding member is mounted and a curved or bent arch portion to connect each of the distal ends of the standing post portions, and the hinge is arranged at boundaries between each standing

post portions and the arch portion respectively.

14. The file described in claim 13 wherein at least one of the standing post portions extends in a linear manner.

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15. The file described in claim 1 wherein the cover sheet body includes a rear cover sheet on an inner face of which the binding member is mounted, a scroop continuing to the rear cover sheet and a front cover sheet continuing to the  
10 scroop and facing to the rear cover sheet, and the above-mentioned a pair of the hinges are arranged at a position separated from the inner face of the rear cover sheer by a distance generally corresponding to a width of the scroop.

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16. The file described in claim 1 wherein the cover sheet body includes a rear cover sheet on an inner face of which the binding member is mounted, a scroop continuing to the rear cover sheet and a front cover sheet continuing to the  
20 scroop and facing to the rear cover sheet, and an opening that allows the portion ahead of the hinge of the ring-shaped body to pass in a condition that the portion is not inclined and that prevents the portion ahead of the hinge of the ring-shaped body from passing in a condition  
25 that the portion is inclined is formed on the front cover sheet when the rear cover sheet and the front cover sheet are opened or closed.

17. A binding member wherein the binding member constitutes a ring-shaped body to file papers or leaves, characterized by that a pair of hinges are arranged at predetermined positions of the ring-shaped body and a  
5 portion ahead of the hinge of the ring-shaped body can be inclined.

18. The binding member described in claim 17 wherein the ring-shaped body comprises a pair of openable and closable  
10 ring chips and each distal end portion of the ring chips is engaged to close a space between the ring chips, a first hinge is arranged on one of the ring chips and an engaging arrangement to engage a distal end portion of one of the ring chips with the other ring chip in a relatively  
15 rotatable manner is established to be a second hinge.

19. The binding member described in claim 18 wherein the engaging arrangement is so arranged that at the distal end portion of one ring chip formed is a projecting portion that  
20 projects toward the distal end portion of other ring chip when the space between the ring chips is closed, at the distal end portion of the other ring chip formed is an axial hole that accommodates the projecting portion when the space between the ring chips is closed, and  
25 each distal end portion of the ring chips is relatively rotatable by a concavo-convex engagement of the projecting portion and the axial hole by making use of the projecting portion as a rotational axis and the axial hole as a bearing.

20. The binding member described in claim 19 wherein a notch is formed by cutting off at least a part of an inner face of the axial hole so that an opening edge of the axial hole  
5 expands toward a direction to which the ring chips open or close.

21. The binding member described in claim 19 wherein a distal end portion of the projecting portion is treated to  
10 be sphere.

22. The binding member described in claim 18 wherein a radius face in a partial sphere shape is formed at a projecting end of one of the ring chips.  
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23. The binding member described in claim 18 wherein a radius face in a partial sphere shape is formed at each of projecting ends of the ring chips.

20 24. The binding member described in claim 17 wherein further comprising a stopper to retain an angle of the hinge.

25 25. The binding member described in claim 24 wherein the stopper consists of a pushing portion arranged on one of the members constituting the ring-shaped body through the hinges and a surface of the other member on which a concave portion is arranged, and the pushing portion retains the angle of the hinge by being

inserted into the concave portion with applying a pushing force to the surface of the other member.

26. The binding member described in claim 25 wherein the  
5 stopper has the concave portion and retains the angle of the hinges in an orthotropic condition by inserting the pushing portion into the concave portion.

27. The binding member described in claim 25 wherein the  
10 pushing portion consists of an elastic member and an abutting member, one portion of the elastic member is fixed to a predetermined position of one of the members and the other portion of the elastic member supports the abutting member and the abutting member makes an abutting contact  
15 with the other member.

28. The binding member described in claim 27 wherein the elastic member consists of a coiled spring and the abutting member consists of a spherical body.  
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29. The binding member described in claim 17 wherein the ring-shaped body comprises a pair of standing post portions extending generally vertically to a mounting face of the cover sheet body on which the binding member is mounted and  
25 a curved or bent arch portion arranged to connect each distal end of the standing post portions, and the hinge is arranged at boundaries between each standing post portions and the arch portion respectively.

30. The binding member described in claim 29 wherein at least one of the standing post portions extends in a linear manner.